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After face alignment, partial face recognition is achieved by measuring face similarity based on the proposed point set distance, which can be readily acquired with the face alignment result. The hallmark of the RPSM is its robust matching scheme, which considers both the geometric distribution consistency and the textural similarity.

### Partial Face Recognition Using Robust Point Set Method

#### Face Recognition Using Matlab - Behind The Sciences

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### Half a face enough for recognition technology: Researchers ...

#### Dynamic Feature Learning for Partial Face Recognition

In existing system a robust point set matching (RPSM) method used for partial face recognition, it discriminatively match these two especially some unconstrained environments, human faces might be occluded by other objects and it is difficult to obtain fully holistic face images for recognition, To address this problem, this paper proposed a scheme implementing Partial face recognition ...

### ROBUST PARTIAL FACE RECOGNITION USING INSTANCE-TO-CLASS ...

unknown face. Often the problem of face recognition is confused with the problem of face detection. Face Recognition on the other hand is to decide if the "face" is someone known, or unknown, using for this purpose a database of faces in order to validate this input face.

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Partial Face Recognition Using Rpsm system propose a new partial face recognition approach by aligning the probe partial face to gallery faces using the geometrical and textural information of

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### Deep face recognition using imperfect facial data ...

In this paper, we propose a general partial face recognition approach that does not require face alignment by eye coordinates or any other fiducial points. We develop an alignment-free face representation method based on Multi-Keypoint Descriptors (MKD), where the descriptor size of a face is determined by the actual content of the image.

### Partial Face Recognition: Alignment-Free Approach

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Finally, it achieves partial face recognition using region-to-region matching. Although MR-CNN achieves remarkable performance on several partial face databases, the computational cost is extensive because it repeatedly runs a deep convolutional network for each sub-region proposal.

Face recognition and matching is a difficult problem due to various factors such as different illumination, facial expressions and rotation. However SIFT features invariance to image rotation and scaling, changes in lighting, 3D camera view point and partial occlusion, make them suitable for face recognition.

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